



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

f

<i>Complete If Known</i>	
Application Number	10/643,455
Filing Date	August 19, 2003
First Named Inventor	Farnsworth et al.
Group Art Unit	3723
Examiner Name	M. Rachuba
Attorney Docket Number	2269-4245.1US (98-0288.01/US)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	7/6/05
--------------------	---	-----------------	--------

**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) 4250.1US (97-0357.01/US)	Application Number N t Yet Assigned		
			Applicant David A. Cathey			
			Filing Date August 18, 2003	Group Art Unit Unkn wn		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,762,954	09/1956	Leifer			
	2,865,082	12/ 1958	Gates			
	3,664,389	05/1972	Bower			
	3,688,815	09/1972	Ridenour			
	3,691,707	09/1972	Von Arx et al.			
	3,795,164	03/1974	Schneider			
	3,892,156	07/1975	Johnstone			
	3,961,547	06/1976	Shainberg et al.			
	4,006,656	02/1977	Shinomiya			
	4,102,227	07/1978	Simko			
	4,138,304	02/1979	Gantley			
	4,150,912	04/1979	Gutsche et al.			
	4,246,595	01/1981	Noyori et al.			
	4,259,886	04/1981	Seid et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						YES NO
	287,869	10/1915	Germany			
	2810054-A	09/1978	Germany			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER			DATE CONSIDERED			
<i>[Signature]</i>			<i>7/6/05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.						

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Docket Number (Optional) 4250.1US (97-0357.01/US)	Application Number Not Yet Assigned		
			Applicant David A. Cathey			
			Filing Date August 18, 2003	Group Art Unit Unknown		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,287,256	09/1981	Demers			
	4,287,798	09/1981	Cooper, Jr. et al.			
	4,343,662	08/1982	Gay			
	4,356,374	10/1982	Noyori et al.			
	4,358,978	11/1982	Lawson			
	4,451,972	06/1984	Batinovich			
	4,513,544	04/1985	Lossi et al.			
	4,633,847	01/1987	Lossi et al.			
	4,688,540	08/1987	Ono			
	4,705,016	11/1987	Sekiya			
	4,804,641	02/1989	Arlt et al.			
	4,903,437	02/1990	Kubotera et al.			
	4,937,653	06/1990	Blonder et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						YES
						NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	DATE CONSIDERED <i>7/6/05</i>					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.						

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
4250.1US (97-0357.01/US)Application Number
N t Y t Assigned

Applicant David A. Cathey

Filing Date August 18, 2003

Group Art Unit Unkn wn

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,971,021	11/1990	Kubotera et al.			
	5,046,392	09/1991	Keon et al.			
	5,059,899	10/1991	Farnworth et al.			
	5,128,282	07/1992	Ormond et al.			
	5,259,149	11/1993	Klievoneit et al.			
	5,316,559	05/1994	Klievoneit et al.			
	5,323,150	06/1994	Tuttle			
	5,326,428	07/1994	Farnworth et al.			
	5,362,681	11/1994	Roberts, Jr. et al.			
	5,373,834	12/1994	Chiuminatta et al.			
	5,458,034	10/1995	Cavagna			
	5,461,008	10/1995	Sutherland et al.			
	5,468,541	11/1995	Hsu			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.

8/19/03

(2-92)

Sheet 4 of 4

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) 4250.1US (97-0357.01/US)	Application Number Not Yet Assigned		
			Applicant David A. Cath y			
			Filing Date August 18, 2003	Group Art Unit Unknown		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1	5,521,125	05/1996	Ormond et al.			
	5,579,671	12/1996	Bowlin			
	5,580,831	12/1996	Roman			
	5,851,845	12/1998	Wood et al.			
	5,907,984	06/1999	Herman, Jr. et al.			
	6,087,202	07/2000	Exposito et al.			
	6,117,707	09/2000	Badehi			
	6,119,675	09/2000	Akram et al.			
✓	6,130,473	10/2000	Mostafazadeh et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						YES
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>						
EXAMINER 			DATE CONSIDERED 7/6/05			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.						